

Respina Gear FG-PS

Food-grade synthetic (PAO) industrial gear oil



Description

Respina Gear FG-PS oils are synthetic gear and multipurpose oils for the food-processing and pharmaceutical industries. They are formulated from NSF registered base fluids/additives and are developed for the lubrication of spur, bevel and worm gears subject to high loads, bearings, spindles, joints as well as lifting, drive and transport chains.

Specification and Approvals

- DIN 51517 Part 3 CLP
- ISO 12925-1 type CKD
- ISO 21469

Advantages & Benefits

- Allows use in food and beverage packaging and processing applications
- High viscosity index together with low and high temperature performance
- Good wear protection for gears and rolling bearings
- High load carrying capability

Typical Data

Property	FG-PS 68	FG-PS 100	FG-PS 150	FG-PS 220	FG-PS 320	FG-PS 460	FG-PS 680	Test method
Viscosity at 40°C	68	100	150	220	320	460	680	ASTM D445
Viscosity at 100°C	11	14.5	21	28	36	48	67	ASTM D445
Viscosity Index	150	150	160	160	160	160	160	ASTM D2270
Flash Point °C	+225	+230	+230	+240	+244	+246	+252	ASTM D92
Pour Point °C	< -50	< -48	< -48	< -45	< -30	< -30	< -27	ASTM D97
Density kg/m^3	860	850	850	852	853	857	862	ASTM D4052

❖ Respina Gear FG-PS oils are formulated and produced in RESPINA LUBRICANTS blending site and presented data is based on standard tests under laboratory conditions and is given as a guide only. These characteristics are typical of current production and acceptable variation may occur.